

Ahmed Ziyat

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,779
citations

304743

22
h-index

289244

40
g-index

49
all docs

49
docs citations

49
times ranked

2088
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic fertilin-derived peptide stimulates in vitro human embryo development. <i>F&S Science</i> , 2022, 3, 49-63.	0.9	0
2	Oocyte ERM and EWI Proteins Are Involved in Mouse Fertilization. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 863729.	3.7	3
3	Tubulin glycylation controls axonemal dynein activity, flagellar beat, and male fertility. <i>Science</i> , 2021, 371, .	12.6	84
4	Deletion of the Spata3 Gene Induces Sperm Alterations and In Vitro Hypofertility in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1959.	4.1	9
5	The cell biology of fertilization: Gamete attachment and fusion. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	22
6	Cyclic FEE Peptide Improves Human Sperm Movement Parameters without Modification of Their Energy Metabolism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11263.	4.1	3
7	A fertilin-derived peptide improves in vitro maturation and ploidy of human oocytes. <i>F&S Science</i> , 2021, 3, 21-28.	0.9	0
8	Partial Sperm beta1 Integrin Subunit Deletion Proves Its Involvement in Mouse Gamete Adhesion/Fusion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8494.	4.1	9
9	Identification of a New QTL Region on Mouse Chromosome 1 Responsible for Male Hypofertility: Phenotype Characterization and Candidate Genes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8506.	4.1	2
10	Sperm SPACA6 protein is required for mammalian Sperm-Egg Adhesion/Fusion. <i>Scientific Reports</i> , 2020, 10, 5335.	3.3	63
11	Mutations in TTC29, Encoding an Evolutionarily Conserved Axonemal Protein, Result in Asthenozoospermia and Male Infertility. <i>American Journal of Human Genetics</i> , 2019, 105, 1148-1167.	6.2	44
12	JUNO, the receptor of sperm IZUMO1, is expressed by the human oocyte and is essential for human fertilisation. <i>Human Reproduction</i> , 2019, 34, 118-126.	0.9	30
13	Growth arrest specific 1 (Gas1) and glial cell line-derived neurotrophic factor receptor $\hat{1}\pm 1$ (Gfr $\hat{1}\pm 1$), two mouse oocyte glycosylphosphatidylinositol-anchored proteins, are involved in fertilisation. <i>Reproduction, Fertility and Development</i> , 2017, 29, 824.	0.4	3
14	ZP2 heterozygous mutation in an infertile woman. <i>Human Genetics</i> , 2017, 136, 1489-1491.	3.8	7
15	Tetraspanins and Mouse Oocyte Microvilli Related to Fertilizing Ability. <i>Reproductive Sciences</i> , 2017, 24, 1062-1069.	2.5	19
16	Effect of induced peritoneal endometriosis on oocyte and embryo quality in a mouse model. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 263-270.	2.5	36
17	Binding of sperm protein Izumo1 and its egg receptor Juno drives Cd9 accumulation in the intercellular contact area prior to fusion during mammalian fertilization. <i>Development (Cambridge)</i> , 2014, 141, 3732-3739.	2.5	66
18	Polymorphisms of Human Placental Alkaline Phosphatase Are Associated with in vitro Fertilization Success and Recurrent Pregnancy Loss. <i>American Journal of Pathology</i> , 2014, 184, 362-368.	3.8	19

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19	P-006 Polymorphisms of placental alkaline phosphatase gene are associated with recurrent pregnancy loss. <i>Thrombosis Research</i> , 2013, 131, S78.	1.7	0
20	Cholesterol Depletion Disorganizes Oocyte Membrane Rafts Altering Mouse Fertilization. <i>PLoS ONE</i> , 2013, 8, e62919.	2.5	42
21	Membrane transfer from oocyte to sperm occurs in two CD9-independent ways that do not supply the fertilising ability of Cd9-deleted oocytes. <i>Reproduction</i> , 2012, 144, 53-66.	2.6	42
22	Refined Mapping of a Quantitative Trait Locus on Chromosome 1 Responsible for Mouse Embryonic Death. <i>PLoS ONE</i> , 2012, 7, e43356.	2.5	12
23	SESSION 57: THE BIOLOGY OF FERTILIZATION: THE CONSEQUENCES OF GAMETE INTERACTION. <i>Human Reproduction</i> , 2012, 27, ii82-ii82.	0.9	0
24	Seminal leukocytes are Good Samaritans for spermatozoa. <i>Fertility and Sterility</i> , 2011, 96, 1315-1319.	1.0	43
25	Spermatogenetic inhibition in men taking a combination of oral medroxyprogesterone acetate and percutaneous testosterone as a male contraceptive method. <i>Human Reproduction</i> , 2011, 26, 1708-1714.	0.9	34
26	CD9 tetraspanin generates fusion competent sites on the egg membrane for mammalian fertilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10946-10951.	7.1	95
27	Lâ€™interaction gamÃ©tique au cours de la fÃ©condation. , 2011, , 53-62.		0
28	Role of sperm Î±vÎ²3 integrin in mouse fertilization. <i>Developmental Dynamics</i> , 2010, 239, 773-783.	1.8	27
29	Spermâ€‘egg interaction: is there a link between tetraspanin(s) and GPIâ€‘anchored protein(s)?. <i>BioEssays</i> , 2010, 32, 143-152.	2.5	20
30	<i>H19</i> acts as a trans regulator of the imprinted gene network controlling growth in mice. <i>Development (Cambridge)</i> , 2009, 136, 3413-3421.	2.5	321
31	Cyclic QDE peptide increases fertilization rates and provides healthy pups in mouse. <i>Fertility and Sterility</i> , 2009, 91, 2110-2115.	1.0	6
32	Short gamete co-incubation during in vitro fertilization decreases the fertilization rate and does not improve embryo quality: a prospective auto controlled study. <i>Journal of Assisted Reproduction and Genetics</i> , 2008, 25, 305-310.	2.5	25
33	Paradoxical increase of sperm motility and seminal carnitine associated with moderate leukocytospermia in infertile patients. <i>Fertility and Sterility</i> , 2008, 90, 2257-2263.	1.0	32
34	Mapping Mouse Gamete Interaction Forces Reveal Several Oocyte Membrane Regions with Different Mechanical and Adhesive Properties. <i>Langmuir</i> , 2008, 24, 1451-1458.	3.5	16
35	Transfer of oocyte membrane fragments to fertilizing spermatozoa. <i>FASEB Journal</i> , 2007, 21, 3446-3449.	0.5	72
36	Alpha6beta1 integrin expressed by sperm is determinant in mouse fertilization. <i>BMC Developmental Biology</i> , 2007, 7, 102.	2.1	41

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37	CD9 controls the formation of clusters that contain tetraspanins and the integrin $\alpha 6 \beta 1$, which are involved in human and mouse gamete fusion. <i>Journal of Cell Science</i> , 2006, 119, 416-424.	2.0	121
38	The molecular players of sperm-egg fusion in mammals. <i>Seminars in Cell and Developmental Biology</i> , 2006, 17, 254-263.	5.0	142
39	Reduced fertility of female mice lacking CD81. <i>Developmental Biology</i> , 2006, 290, 351-358.	2.0	182
40	Differential gene expression in pre-implantation embryos from mouse oocytes injected with round spermatids or spermatozoa. <i>Human Reproduction</i> , 2001, 16, 1449-1456.	0.9	43
41	Flow cytometric method to isolate round spermatids from mouse testis. <i>Human Reproduction</i> , 1999, 14, 388-394.	0.9	34